

Contents Volume 25

No. 1

Publisher's Note

v

Z.G. Xue, N.M. Le Douarin and J. Smith (France)
Insulin and insulin-like growth factor-I can trigger the differentiation of catecholaminergic precursors in cultures of dorsal root ganglia (CDF 00522)

1

G. Rué and J. Bierne (France)
Structural and functional relationships between nuclear bodies and the nucleolus-DNA body complex in the oocyte of *Amphiporus lactiflores* (CDF 00523)

11

Y.R. Lee (Korea)
Changes in the protein components of vitelline envelope during oogenesis of a tubiculous polychaete, *Schizobranchia insignis* (CDF 00526)

23

C. Loret, M. Sensenbrenner and G. Labourdette (France)
Maturation-related gene expression of rat astroblasts in vitro studied by two-dimensional polyacrylamide gel electrophoresis (CDF 00524)

37

K. Shiokawa, K. Tashiro, N. Nakakura, Y. Fu, Y. Atsushi, S. Nakazato, Y. Tsuzaki and K. Ikenishi (Japan)
A possible maternal-effect mutant of *Xenopus laevis*: II. Studies of RNA synthesis in dissociated embryonic cells (CDF 00525)

47

C. Jessus, C. Thibier, D. Huchon and R. Ozon (France)
Taxol reveals cortical sites of microtubule assembly in *Xenopus* oocytes. Role of the nucleus (CDF 00527)

57

D.M. Biddulph, M.M. Dozier, N.C. Julian and L.M. Sawyer (U.S.A.)
Inhibition of chondrogenesis by retinoic acid in limb mesenchymal cells in vitro: effects on PGE₂ and cyclic AMP concentrations (CDF 00529)

65

Contents of *Development, Growth & Differentiation* Vol. 30, Nos. 2 and 3

77

Erratum

79

No. 2

H. Urushihara, Y. Habata and K. Yanagisawa (Japan)
A membrane protein with possible relevance to sexual cell fusion in *Dictyostelium discoideum* (CDF 00551)

81

D.A. Ketelaar, G.R. Utesch, E. Sierra and D.L. Guernsey (U.S.A.)

Mesodermal cell lineage determination and proto-oncogene expression (CDF 00552)

89

B.A. Perry and D.G. Capco (U.S.A.)

Spatial reorganization of actin, tubulin and histone mRNAs during meiotic maturation and fertilization in *Xenopus* oocytes (CDF 00553)

99

R.J. Scott, V. English, T. Noguchi, T. Tanaka and G.C.T. Yeoh (Australia, Japan)
Pyruvate kinase isoenzyme transitions in cultures of fetal rat hepatocytes (CDF 00554)

109

A.-E. Al Moustafa, M.-B. Raes, S. Saule and F. Dieterlen-Lièvre (France)

Targets of v-myc tumorigenesis in the avian embryo depend on time and not on site of retroviral infection (CDF 00561)

119

B.B. Rawdon and A. Andrew (South Africa)

Can proventricular mesenchyme promote differentiation of endocrine cells in gizzard endoderm? (CDF 00555)

135

B. Zimmermann, H.C. Wachtel, H. Somogyi, H.-J. Merker and J.-P. Bernimoulin (F.R.G.)

Bone formation by rat calvarial cells grown at high density in organoid culture (CDF 00556)

145

M. Araki, K. Watanabe, F. Tokunaga and T. Nonaka (Japan)

Phenotypic expression of photoreceptor and endocrine cell properties by cultured pineal cells of the newborn rat (CDF 00557)

155

No. 3

L.V. Belousov, A.V. Lakirev and I.I. Naumidi (U.S.S.R.)

The role of external tensions in differentiation of *Xenopus laevis* embryonic tissues (CDF 00562)

165

V.Y. Brodsky, B.M. Carlson, A.M. Arefieva and I.A. Vasilieva (U.S.S.R., U.S.A.)

Polyploidization of transplanted cardiac myocytes (CDF 00558)

177

<i>A.A. Moscona, M. Moscona and L. Degenstein (U.S.A.)</i> Embryonic cell recognition: uncoupling tissue-specific affinities from cell-type specificities (CDF 00559)	185	<i>J. Samsel, A. Petit and J.-P. Weniger (France)</i> Sex-specific proteins in normal chick embryo gonads and testis feminized by oestrogen treatment: a two-dimensional gel electrophoresis investigation (CDF 00566)	223
<i>S. Peel and I. Stewart (U.K.)</i> Time course of the differentiation of granulated metrial gland cells in chimeric mice (CDF 00560)	197	Contents of <i>Development, Growth & Differentiation</i> Vol. 30, Nos. 4, 5 and 6	229
<i>M. Khrestchatsky, M. Djabali, Y. Thouveny and M. Fontes (France)</i> Expression of muscle actin genes in early differentiation stages of tail regeneration of the urodele amphibian <i>Pleurodeles waltlii</i> (CDF 00563)	203	Announcement	230
<i>S.E. Murdoch and R.M. Showman (U.S.A.)</i> Temporal and spatial expression of embryonic alkaline phosphatase activity in the surf clam, <i>Spisula solidissima</i> (CDF 00564)	213	Acknowledgement	231
		Erratum	232
		Contents Vol. 25	233
		Author Index	235
		Subject Index	237

